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DSC-TX30/D

Rugged digital camera

Capture crystal-clear pics and video under water and poolside without worry. This pint-sized powerhouse packs in 18.2MP, plus it's waterproof, dust-proof, freeze-proof and shock-proof. A 3.3" touchscreen provides ultra-sharp detail on its OLED display. For intricately detailed close-ups, built-in LED lights do the trick without casting shadows from the camera.

Key Features

Rugged and stylish

This camera is just as much at home in the water as on a night on the town! The sleek and stylish camera fits the slimmest pocket or purse, yet is waterproof to a depth of 33 feet, shockproof from falls up to approximately 5 feet and dustproof thanks to its airtight construction. This durable camera can even withstand extreme weather conditions, as it is operable as low as 14 degree Fahrenheit . Seamlessly shifting from underwater marvels to a night on the town, the TX30 always makes it easy to get the best shot!

3.3" OLED touch screen with high quality viewing

Still photos and movies can be beautifully displayed on the 3.3" OLED with touch-screen (1229K dots). The organic light emitting display (OLED) shows the image through the lens with higher contrast and a wider viewing angle than conventional LCDs, for powerful, vivid playback. And, its high-speed response is faster than ordinary LCDs for smoother playback of dynamic action.

Capture 18.2MP images even in low-light

The 18.2MP Exmor® R CMOS sensor captures ultra-high definition images that take full advantage of the camera's sharp Carl Zeiss® Vario-Tessar® lens. The sensor enables advanced processing that reduces oise levels, resulting in stunning low light images with incredible details.

Magnifying Glass Plus

Magnifying Glass Plus and LED lights help capture intricate detail on subjects as close as 1/3". The LED lights help illuminate the subject and remove any shadows created by the close proximity of the camera.

AVCHD 1080/60i movies

Record crystal clear movies in high resolution with capabilities for 60i in 1080 AVCHD™ video.[1] This provides stunning, fast motion video with less distortion for playback on your HD TV.[2] With dual record of stills and movies, you can shoot both at the same time.

5x optical zoom plus 10x Clear Image Digital Zoom

Most digital zooms use electronic cropping to get closer to the subject, resulting in unsharp images. With Clear Image Zoom the powerful processor compares patterns found in adjacent pixels and creates new pixels to match selected patterns, resulting in more realistic, higher-quality images. Clear Image Zoom doubles optical zoom for closer photos.

Optical SteadyShot® image stabilization with 2-way Active Mode

Sony's Active Mode image stabilization gives you the freedom to shoot movies even while walking or running[3]. 2-way Active Mode corrects for both vertical and horizontal motion.

Enhanced Superior Auto

Enhanced Superior Auto supports scenes with dynamic motion to provide beautiful results even in dark situations. The result is clearer images with less blur.

Capture the decisive moment with up to 10fps

Capture full 18.2 megapixel resolution images at up to 10 frames per second, helping to ensure that the decisive moment is captured such as the soccer ball flying into the goal. In addition, a mechanical shutter helps reduce distortion when continuously shooting moving subjects.

Creative shooting with Picture and Beauty effects

Picture Effect adds a new level of expression to photos, making ordinary landscapes and portraits come to life by heightening mood and emphasizing certain attributes. Beauty Effects allows edits to skin tones, skin smoothing, shine removal, eye widening, and teeth whitening. Beauty Effects can be combined to further enhance the image.

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Specifications

Camera	
Camera Type	Rugged digital camera
Imaging Sensor	
Imaging Sensor	1/2.3" Exmor R® CMOS sensor
Pixel Gross	18.9MP
Effective Picture Resolution	18.2MP
Color Filter System	RGB primary color filters
Recording	
Media Type	optional Memory Stick Micro, Memory Stick Micro (Mark 2), microSD Memory Card, microSDHC Memory Card
Still Image Max Effective Resolution	Approx. 18.2 Megapixels
Still Image Size 16:9	16:9mode:13M(4,896 x 2,752) / 2M(1,920 x 1,080)
Still Image Size 4:3	4:3mode:18M(4,896 x 3,672) / 10M(3,648 x 2,736) / 5M(2,592 x 1,944) / VGA
Panorama Still Image Size	Sweep Panorama:360(11,520 x 1,080) / HR(10,480x4,096) / Wide(7,152 x 1,080/4,912 x 1,920) / Standard(4,912 x 1,080/3,424 x 1,920)
Video Format	AVCHD Ver2.0/MP4
Video Mode	AVCHD 60i: 24M FX / 17M FH(1,920x1,080/60i) / 9M HQ(1,440x1,080/60i),MP4:12M(1,440x1,080/30fps) / 6M(1,280x720/30fps) /3M VGA(640x480/30fps)
Dual Record	Yes
Audio Format	AC3(Stereo)
Microphone/Speaker	Stereo/mono
Wind Noise Reduction	Off / On
Optics/Lens	
Lens Type	Carl Zeiss® Vario-Tessar®
Optical Zoom	5x
Focal Length (35mm equivalent)	Still 4:3: 26-130mm /Movie 4:3: 35-175mm(SteadyShot Standard) 37-185(SteadyShot Active) / Still 16:9: 28-140mm / Movie 16:9: 28-140mm(SteadyShot Standard) 30-150mm(SteadyShot Active)
Lens Construction	12 elements in 10 groups (including 6 aspheric elements, 1 prism)
Minimum Focus Distance	iAuto: AF (W: Approx.3cm (0.10 ft.) to Infinity, T: Approx. 60cm (1.97 ft.) to Infinity) / Program Auto: AF (W: Approx.8cm (0.26 ft.) to Infinity, T: Approx. 60cm (1.97 ft.) to Infinity) / Magnifying Glass Plus: AF (Approx.1cm (0.03 ft.) to 20cm (0.66 ft.))
Steady Shot Mode:Active	Yes
LCD Display	
LCD Type	3.3" Xtra Fine™ OLED (1,229K dots)
Brightness Control	5(Bright) / 4 / 3 / 2 / 1(Dark)
Grid Display	Yes
Touch Panel	Yes
Focus Control	
AF Modes	Multi Point AF/Center Weighted AF/SpotAF/Flexible Spot AF/Flexible Spot AF (Tracking Focus)/Flexible Spot AF (Face Tracking Focus)
AF Illuminator	Auto / Off
Exposure System	
Metering Modes	Multi Pattern / Center Weighted / Spot
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step
Scene Mode(s)	High Sensitivity / Soft snap / Soft Skin / Landscape / Night Portrait / Night Scene / Handheld Twilight / Gourmet / Beach / Snow / Fireworks / Pet mode /Anti-motion blur/Backlight Correction HDR / Underwater / High speed shutter
ISO	Auto / 80 / 100 / 200 / 400 / 800 / 1600 / 3200 / 6400*4 / 12800 *4
White Balance Mode	Auto / Daylight / Cloudy / Fluorescent 1 (White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent / Flash / One Push, One Push Set
Drive System	

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Self-timer	Off / 10sec. / 2sec. / portrait1 / portrait2
Shutter Speeds	iAuto(4" - 1/1600) / Program Auto(1" - 1/1600)
Burst Mode	Approx 10 fps at 18.2MP (Maximum 10 shots)
Flash	
Flash Modes	Auto / Flash On / Slow Synchro / Flash Off / Advanced Flash
Flash Coverage	ISO Auto: Approx. 0.08m - 3.3m (3 1/4 inches to 10 ft. 10 inches) (W) / Approx. 0.6m - 2.4m (1 ft. 11 5/8 inches to 7 ft. 10 1/2 inches) (T), ISO3200: up to Approx. 4.7m (15 ft. 5 1/8 inches) (W) / Approx. 3.4m (11 ft. 1 7/8 inches) (T)
Convenience Features	
Red-Eye Reduction	Auto / On / Off
Erase/Protect	Erase: Single / Select / Date / Folder / AVCHD Protect: Single / Select / Date / Folder / AVCHD
Advanced Features	
Anti Motion Blur	Yes
Sweep Panorama	Underwater Sweep Panorama / Intelligent Sweep Panorama (360)
Face Detection	8 faces
Smile Shutter™ technology	Yes
Image Stabilization	Optical SteadyShot™ Image Stabilization with Active mode
In-Camera Editing	Beauty Effect / Trimming / Unsharp Masking / Date view / Picture Effect
Intelligent Auto	Yes
Background Defocus	Yes
Waterproof	Yes
Dustproof	Yes
Freezeproof	Yes
Shockproof	Yes
Superior Auto	Yes
Tracking Focus	Off / Auto
Blink Detection	Yes
Interface	
Memory Card Slot	MS Micro, Memory Stick Micro (Mark 2) and Micro SD/Micro SDHC Compatible
HD Output	Micro HDMI
USB Port(s)	Multi (AV/USB), Hi-Speed USB (USB2.0)
Weights and Measurements	
Dimensions (Approx.)	W x H x D: (3 7/8" x 2 3/8" x 5/8" (96.4 x 59.3 x 15.4mm)
Weight (Approx.)	4.9 oz. (140g)
Weight(Approx) (Main unit only)	4.4 oz. (125g)
Power	
Battery Type	LITHIUM ION NP-BN 3.6V
Battery Capacity	typical: 2.3Wh (630mAh), minimum: 2.2Wh (600mAh)
Power Consumption (in Operation)	Approx.1.0W
Power Requirements	AC 100V to 240V, 50/60 Hz, 70mA
Accessories	
Supplied Accessories	Rechargeable Battery Pack NP-BN AC AdaptorAC-UB10 Micro USB cable Wrist Strap Instruction Manual

1. Records in 29 minute segments
2. Requires HDTV and HDMI cable sold separately
3. Combined with electronic stabilization
4. Dustproof certified to IEC 60529 IP5X standard, shock-proof certified to MIL-STD-810F Method 516.5-Shock, can operate in temperatures between 14 degrees Fahrenheit (-10 degrees Celsius) and 104-degrees Fahrenheit (40 degrees Celsius), waterproof certified to IEC60529 IPX8 standard.

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